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Field Service Procedure

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Installation of Saturn Power Supply and CPU on Narkomed 2B and GS

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Installation of Saturn Power Supply and CPU on Narkomed 2B and GS

Installation Procedure

The following procedure outlines installation of a Saturn power supply and CPU on NM2B and NMGS machines. The Saturn power supply attaches to the bottom frame rails - below the machine.

Power supply installation:

1. Turn the System Power switch to STANDBY, and remove AC power from the machine.
2. Pull out the bottom cabinet drawer and remove it from the cabinet rails. See Figure 1.
3. Pull out the middle cabinet drawer and remove it from the cabinet rails.

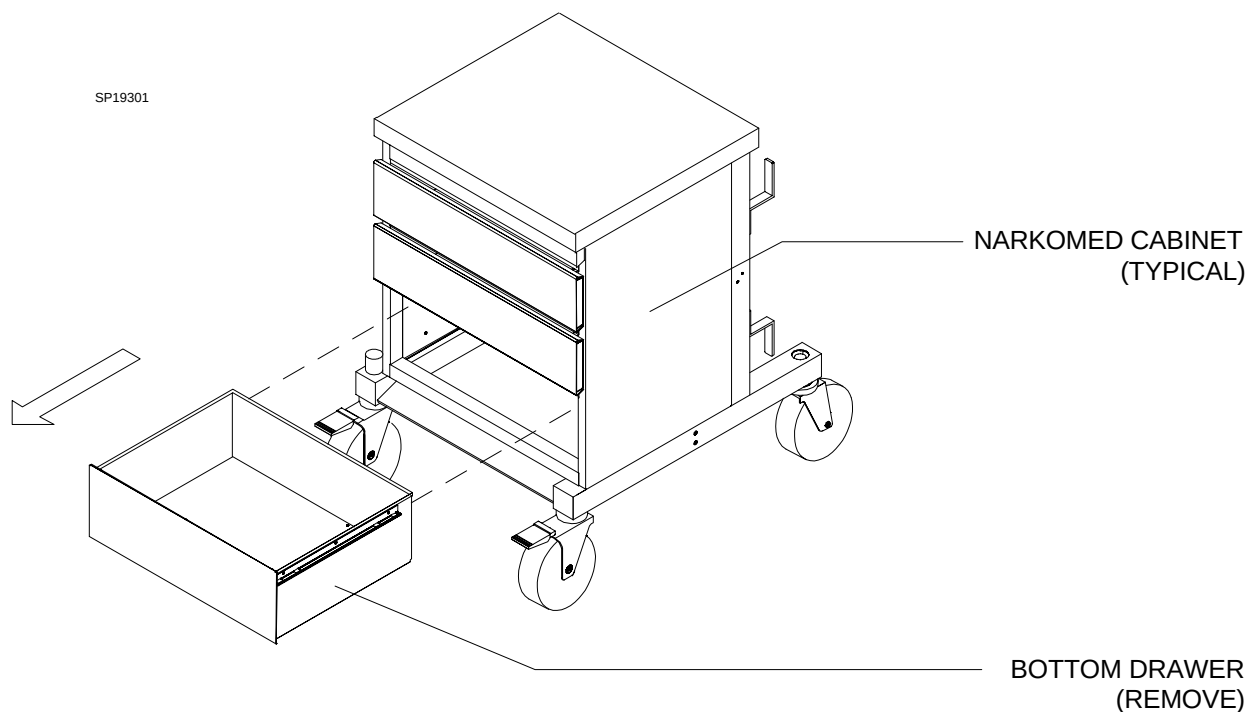


FIGURE 1. Cabinet Drawer Removal

Installation Procedure (continued)

4. Position the power supply under the anesthesia machine, with the power supply cords exiting towards the left rear corner of the machine.
5. Raise the power supply to the frame rails and support it on an object that will temporarily hold it in position.
6. Attach the power supply to the frame rails using four 5/16-18 x 2½ in. hex hd screws , flat washers and acorn nuts as shown in Figure 2.

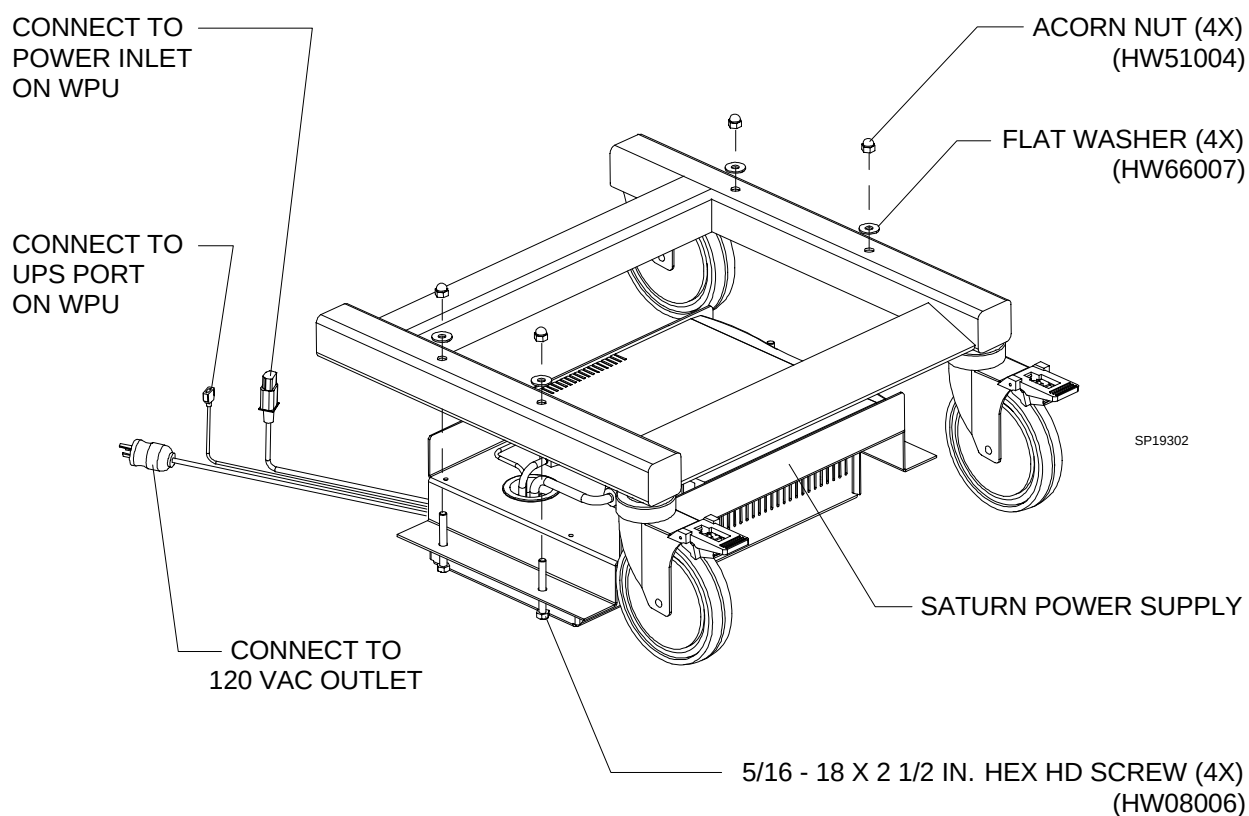


FIGURE 2. Power Supply Installation

Installation Procedure (continued)

CPU installation:

7. Install the slide plate on the CPU with the hardware arrangement shown in Figure 3.
8. Remove the scavenger from the machine and re-locate it using the extension bracket and support bracket as shown in Figure 3. Re-use the existing hardware to attach the scavenger to the extension bracket.
9. Determine whether your machine has a short cabinet or a tall cabinet. This will establish the drilling locations for attaching the rail plate to the cabinet. See Figure 4.

Measure and mark the location of one of the lower holes; then use the rail plate as a template (make sure it's level) to mark the remaining three holes.

Verify that the hole locations are correct for your cabinet - in accordance with the dimensions given in Figure 4.

10. Drill a 3/8 in. diameter hole at each of the four locations. Vacuum all drilling chips from the machine and surrounding area.
11. Assemble the rail plate to the cabinet, with the plate adapters inside the cabinet using the hardware and arrangement shown in Figure 3.
12. Install the CPU on the machine. The slide plate on the CPU should seat properly in the rail plate on the cabinet.

Installation Procedure (continued)

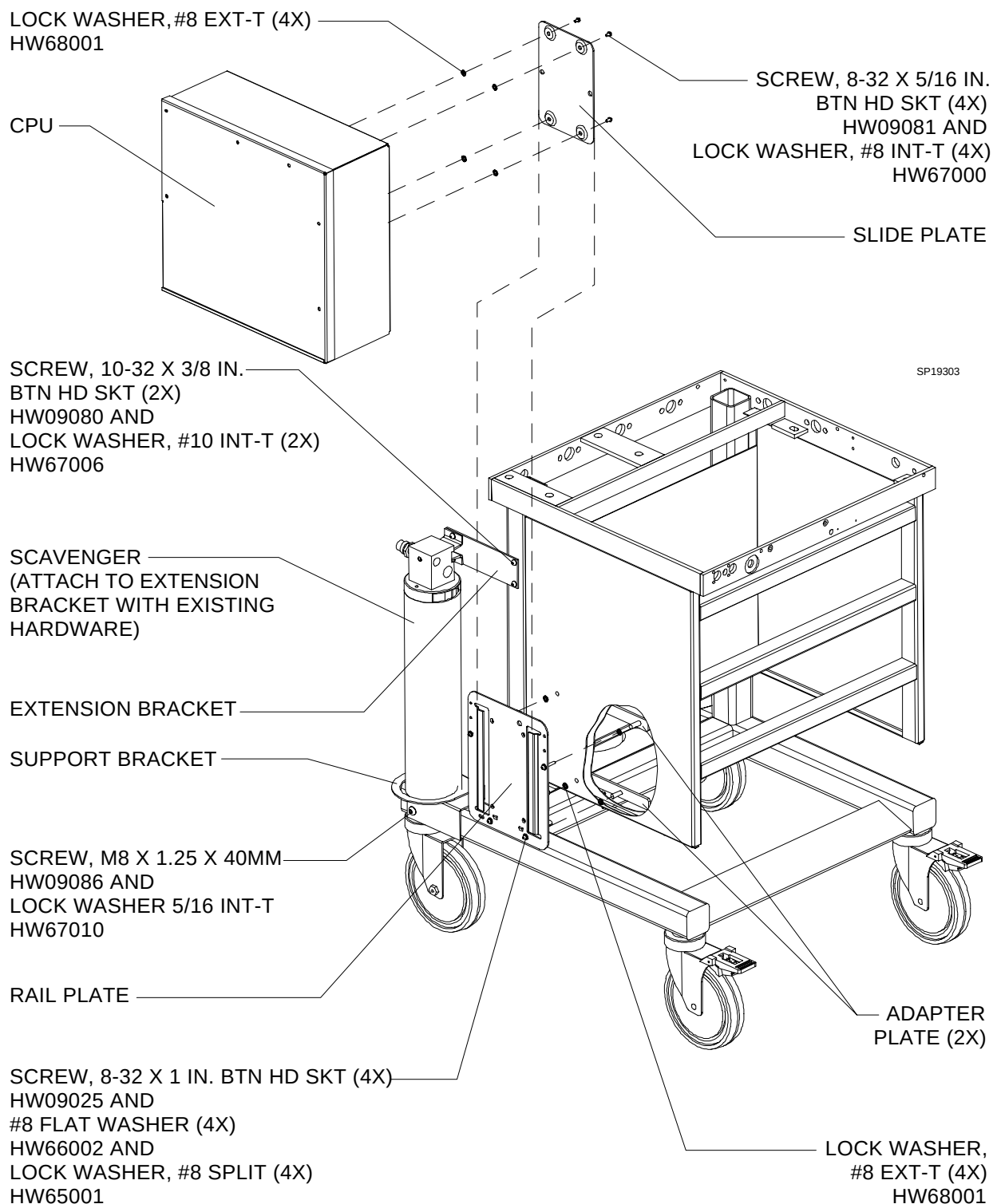


FIGURE 3. CPU, Scavenger Bracket and Rail Plate Installation

Installation Procedure (continued)

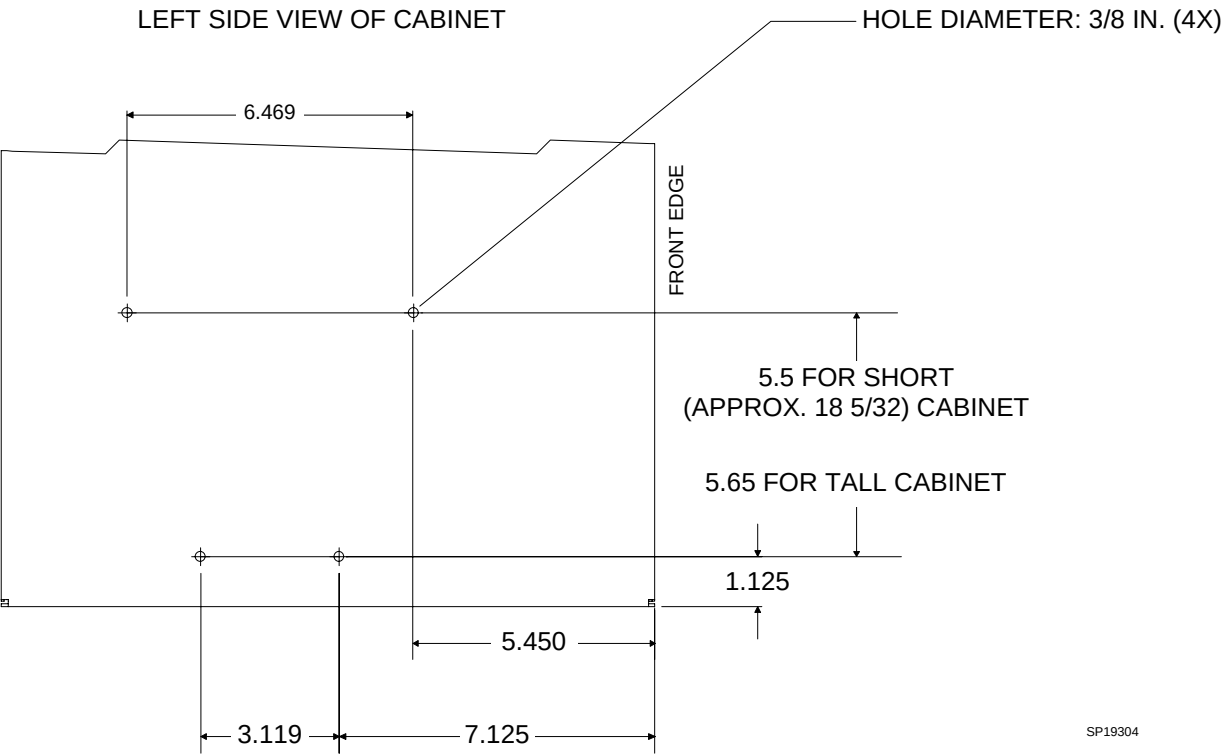


FIGURE 4. Rail Plate Drilling Locations

Installation Procedure (continued)

Connections:

13. Connect the WPU power cord to the power inlet on the Saturn WPU.
14. Connect the data cord to the UPS port on the WPU.
15. Connect the power cord to a hospital grade 120 V AC outlet. DO NOT use the convenience outlet on the anesthesia machine to power the Saturn.
16. Reinstall the bottom drawer and middle drawer in the cabinet.

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